



Oregon

Environmental Laboratory Accreditation Program

ORELAP Fields of Accreditation



Alexin Analytical Laboratories, Inc.
13035 SW Pacific Hwy
Tigard, OR 97223

ORELAP ID: OR100013
EPA CODE: OR00031
Certificate: OR100013 - 021

Issue Date: 5/5/2025 Expiration Date: 5/4/2026

As of 5/5/2025 this list supersedes all previous lists for this certificate number.

MATRIX	Reference	Analyte Code	Analyte	Revision	Rev. Date	Method Code	Description
Drinking Water	EPA 200.8			5.4	1994	10014605	Metals by ICP-MS
		1000	Aluminum				
		1005	Antimony				
		1010	Arsenic				
		1015	Barium				
		1020	Beryllium				
		1030	Cadmium				
		1035	Calcium				
		1040	Chromium				
		1055	Copper				
		1070	Iron				
		1075	Lead				
		1085	Magnesium				
		1090	Manganese				
		1100	Molybdenum				
		1105	Nickel				
		1140	Selenium				
		1150	Silver				
		1155	Sodium				
		1165	Thallium				
		1185	Vanadium				
	EPA 200.9			3	1998	10015608	Metals by Graphite Atomic Absorption
		1010	Arsenic				
		1075	Lead				
	EPA 300.0			2.1	1993	10053200	Methods for the Determination of Inorganic Substances in Environmental Samples
		1575	Chloride				
		1730	Fluoride				
		1810	Nitrate as N				
		1840	Nitrite as N				
		2000	Sulfate				
	EPA 524.2			4.1	1995	10088809	Volatile Organic Compounds GC/MS Capillary Column
		5105	1,1,1,2-Tetrachloroethane				
		5160	1,1,1-Trichloroethane				
		5110	1,1,2,2-Tetrachloroethane				
		5165	1,1,2-Trichloroethane				



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Drinking Water	EPA 524.2			4.1	1995	10088809	Volatile Organic Compounds GC/MS Capillary Column
		4630	1,1-Dichloroethane				
		4640	1,1-Dichloroethylene				
		4670	1,1-Dichloropropene				
		5150	1,2,3-Trichlorobenzene				
		5180	1,2,3-Trichloropropane				
		5155	1,2,4-Trichlorobenzene				
		5210	1,2,4-Trimethylbenzene				
		4610	1,2-Dichlorobenzene				
		4635	1,2-Dichloroethane (Ethylene dichloride)				
		4655	1,2-Dichloropropane				
		5215	1,3,5-Trimethylbenzene				
		4615	1,3-Dichlorobenzene				
		4660	1,3-Dichloropropane				
		4620	1,4-Dichlorobenzene				
		4665	2,2-Dichloropropane				
		4535	2-Chlorotoluene				
		4540	4-Chlorotoluene				
		4910	4-Isopropyltoluene (p-Cymene)				
		4375	Benzene				
		4385	Bromobenzene				
		4390	Bromochloromethane				
		4395	Bromodichloromethane				
		4400	Bromoform				
		4455	Carbon tetrachloride				
		4475	Chlorobenzene				
		4575	Chlorodibromomethane				
		4485	Chloroethane (Ethyl chloride)				
		4505	Chloroform				
		4705	cis & trans-1,2-Dichloroethene				
		4645	cis-1,2-Dichloroethylene				
		4680	cis-1,3-Dichloropropene				
		4595	Dibromomethane (Methylene bromide)				
		4625	Dichlorodifluoromethane (Freon-12)				
		4765	Ethylbenzene				
		4835	Hexachlorobutadiene				
		4900	Isopropylbenzene (Cumene)				



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Drinking Water	EPA 524.2			4.1	1995	10088809	Volatile Organic Compounds GC/MS Capillary Column
		5240	m+p-xylene				
		4950	Methyl bromide (Bromomethane)				
		4960	Methyl chloride (Chloromethane)				
		5000	Methyl tert-butyl ether (MTBE)				
		4975	Methylene chloride (Dichloromethane)				
		4435	n-Butylbenzene				
		5090	n-Propylbenzene				
		5005	Naphthalene				
		5250	o-Xylene				
		4440	sec-Butylbenzene				
		5100	Styrene				
		4445	tert-Butylbenzene				
		5115	Tetrachloroethylene (Perchloroethylene)				
		5140	Toluene				
		5205	Total trihalomethanes				
		4700	trans-1,2-Dichloroethylene				
		4685	trans-1,3-Dichloropropylene				
		5170	Trichloroethene (Trichloroethylene)				
		5175	Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)				
		5235	Vinyl chloride				
		5260	Xylene (total)				
	SM 3111 B			19th ED	1993	20054802	Metals by Flame Atomic Absorption
		1055	Copper				
	SM 4500-CN C			19th ED	1995	20091401	Cyanide, Total After Distillation
		1645	Total cyanide				
	SM 4500-CN E			19th ED	1995	20092200	Cyanide by Colorimetric Determination
		1645	Total cyanide				
	SM 4500-NO2 ⁻ B			19th ED	1995	20112407	Nitrite by Colorimetric Determination
		1840	Nitrite as N				
	SM 4500-NO3 ⁻ D			19th ED	1995	20113400	Nitrate Nitrogen by Selective Electrode
		1810	Nitrate as N				



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Drinking Water	SM 6251 B			19th ED	1995	20148601	Disinfection by-products Liquid/Liquid and GC/ECD
		9312	Bromoacetic acid				
		9336	Chloroacetic acid				
		9357	Dibromoacetic acid				
		9360	Dichloroacetic acid				
		9414	Total haloacetic acids				
		9642	Trichloroacetic acid				
	SM 9215 B (PCA)			21st ED	2005	20181402	Heterotrophic Plate Count Pour Plate (plate count agar): Heterotrophic Bacteria
		2555	Heterotrophic plate count				
	SM 9223 B (Colilert®-18 Quanti-Tray®)			21st ED	2005	20213405	Chromogenic/Fluorogenic Quantitative (Colilert®-18): Total Coliform and E. coli
		2525	Escherichia coli				
		2500	Total coliforms				
	SM 9223 B (Colilert®-18)			21st ED	2005	20214408	Chromogenic/Fluorogenic Qualitative (Colilert®-18): Total Coliform and E. coli
		2525	Escherichia coli				
		2500	Total coliforms				
	SM 9223 B (Colisure® Quanti-Tray®)			21st ED	2005	20230608	Chromogenic/Fluorogenic Quantitative (Colisure®): Total Coliform and E. coli
		2525	Escherichia coli				
		2500	Total coliforms				
	SM 9223 B (Colisure®)			21st ED	2005	20231601	Chromogenic/Fluorogenic Qualitative (Colisure®): Total Coliform and E. coli
		2525	Escherichia coli				
		2500	Total coliforms				
Non-Potable Water	EPA 160.2				1979	10256403	Total Suspended Solids, 0.2um dried @105C
		1960	Residue-nonfilterable (TSS)				
	EPA 180.1			2	1993	10011800	Turbidity - Nephelometric
		2055	Turbidity				
	EPA 405.1					10075408	Biochemical Oxygen Demand (5 days @ 20 C).
		1530	Biochemical oxygen demand				



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Non-Potable Water	SM 2540 D-2015				2015	20051223	Solids - Total Suspended Solids Dried at 103 - 105 deg C
		1960	Residue-nonfilterable (TSS)				
	SM 5210 B-2016				2016	20135039	Biochemical Oxygen Demand (BOD) - 5-Day BOD Test
		1530	Biochemical oxygen demand				
	SM 9221 E (A1) + C MPN			21st ED	2005	20196401	Multiple Tube Fermentation Quantitative (A1 medium): Fecal Coliform
		2530	Fecal coliforms				
	SM 9223 B (Colilert®-18 Quanti-Tray®)			21st ED	2005	20213405	Chromogenic/Fluorogenic Quantitative (Colilert®-18): Total Coliform and E. coli
		2525	Escherichia coli				
		2500	Total coliforms				
	SM 9223 B (Colisure® Quanti-Tray®)			21st ED	2005	20230608	Chromogenic/Fluorogenic Quantitative (Colisure®): Total Coliform and E. coli
		2525	Escherichia coli				
		2500	Total coliforms				